

CONTRACT REQUESTS FORM (CRF)

CEC-94 (07/10)

CALIFORNIA ENERGY COMMISSION



☒ New Contract ☐ Amendment to Existing Contract: _____ Amendment Number: _____

Division	Contract Manager:	MS-	Phone	CM Training Date
Energy Research and Development	John Mathias	47	916-327-2381	10/18/2007

Contractor's Legal Name	Federal ID Number
Combined Power Cooperative	23-3971422

Title of Project
Hyperlight Low-Cost Solar Thermal Technology

Term	Start Date	End Date	Amount
New/Original Contract	6/30/2011	3/30/2015	\$ 1,000,000

Line up the Amendment information as best as possible within the following table.

Amendment #	End Date (mm/dd/yy)	Amount

Business Meeting Information

Proposed Business Meeting Date	5/31/2011	<input type="checkbox"/> Consent	<input checked="" type="checkbox"/> Discussion
Business Meeting Presenter	John Mathias	Time Needed:	5 minutes

Agenda Item Subject and Description

Possible approval of Contract 500-10-63 for \$1,000,000.00 with Combined Power Cooperative to develop and demonstrate "Hyperlight" concentrated solar thermal power technology. Hyperlight solar technology has lower costs, land use, and water use per megawatts produced compared to traditional utility scale solar generation. (PIER electricity funding.) Contact: John Mathias (5 minutes)

Business Meeting approval is not required for the following types of contracts: *Executive Director's signature is required in all cases.*

- ☐ Contracts less than \$10k (*Policy Committee's signature is also required*)
- ☐ Amendment for a no-cost time extension. Must be first extension, less than one year and original contract less than \$100k.
- ☐ Contracts less than \$25k for Expert Witness in Energy Facility licensing cases and amendments.

Purpose of Contract or Purpose of Amendment, if applicable

The overall goal of the project is to develop and demonstrate the Combined Power Cooperative's (formerly Advanced Lab Group) "Hyperlight" concentrated solar thermal power technology.

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**California Environmental Quality Act (CEQA) Compliance**

1. Is Contract considered a "Project" under CEQA?

☒ Yes: skip to question 2☐ No: complete the following (PRC 21065 and 14 CCR 15378):

Explain why contract is not considered a "Project":

2. If contract is considered a "Project" under CEQA:

☒ a) Contract **IS** exempt. (Draft NOE required)☐ Statutory Exemption. List PRC and/or CCR section number: _____☒ Categorical Exemption. List CCR section number: 14 CCR 15329☐ Common Sense Exemption. 14 CCR 15061 (b) (3)

Explain reason why contract is exempt under the above section:

Class 29 - Installation of certain cogeneration equipment of less than 50 megawatts capacity at existing facilities.

The activity is covered by the general rule that CEQA applies only to projects which have the potential for causing a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA.

The project consists of the development and demonstration of a cogeneration system using Hyperlight linear fresnel concentrating solar technology, coupled with an electric generator. The cogeneration system to be installed will occupy an area approximately 3500 square meters. The Hyperlight system will produce steam that will be used to generate electricity with a capacity of no more than 100 Kw at a site on the San Diego State campus in Brawley, CA.

☐ b) Contract **IS NOT** exempt. The Contract Manager needs to consult with the Energy Commission attorney assigned to their division and the Siting Office regarding a possible Initial Study.

Budgets Information

Contract Amount Funded		Breakdown by FY			Funding Sources			
Funding Source	Amount	FY	Amount	Approved?	Funding Source	FY	Budget List No.	Amount
ARFVTF	\$	10-11	\$1,000,000	Yes	PIER-E	09-10	501.027	\$1,000,000
ECAA	\$		\$					\$
State- ERPA	\$		\$					\$
Federal	\$		\$					\$
PIER - E	\$1,000,000		\$					\$
PIER - NG	\$		\$					\$
Reimbursement	\$		\$					\$
Other	\$		\$					\$
TOTAL:	\$1,000,000	TOTAL:	\$1,000,000		TOTAL: \$1,000,000			
Reimbursement Contract #:					Federal Agreement			

Contractor's Administrator/ Officer

Name:	John King	Name:	John King
Address:	2425 Olympic Blvd Ste 6040W Ste. 6040 W	Address:	2425 Olympic Blvd Ste 6040W Ste. 6040 W
City, State, Zip:	Santa Monica, CA 90404-4036	City, State, Zip:	Santa Monica, CA 90404-4036
Phone/ Fax:	310-526-3112 ext. 20 / 310-526-3119	Phone/ Fax:	310-526-3112 ext. 20 / 310-526-3119
E-Mail:	john.king@advancedlabgroup.com	E-Mail:	john.king@advancedlabgroup.com

Contractor's Project Manager**Contractor Is**☒ Private Company (including non-profits)☐ CA State Agency (including UC and CSU)☐ Government Entity (i.e. city, county, federal government, air/water/school district, joint power authorities, university from another state)

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**Selection Process Used**

- ☒ Solicitation RFP Solicitation #: 500-10-503
- ☐ Non Competitive Bid (Attach CEC 96)
- ☐ Exempt Select Exemption

Civil Service Considerations

- ☐ Not Applicable (Contract is with a CA State Entity or a membership/co-sponsorship)
- ☒ Public Resources Code 25620, et seq., authorizes the Commission to contract for the subject work. (PIER)
- ☐ The Services Contracted:
- ☐ are not available within civil service
 - ☐ cannot be performed satisfactorily by civil service employees
 - ☐ are of such a highly specialized or technical nature that the expert knowledge, expertise, and ability are not available through the civil service system
- ☐ The Services are of such an:
- ☐ urgent
 - ☐ temporary, or
 - ☐ occasional nature
- that the delay to implement under civil service would frustrate their very purpose.

Justification:**Payment Method**

- ☒ A. Reimbursement in arrears based on:
- ☒ Itemized Monthly ☐ Itemized Quarterly ☐ Flat Rate ☐ One-time
 - ☐ B. Advanced Payment
 - ☐ C. Other, explain:

Retention

1. Is contract subject to retention? ☐ No ☒ Yes
- If Yes, Do you plan to release retention prior to contract termination? ☒ No ☐ Yes

Justification of Rates

PIER has compiled a spreadsheet of rates charged by PIER-funded contractors, and the rates for this agreement are within the range of rates for similar PIER agreements.

Disabled Veteran Business Enterprise Program (DVBE)

1. ☐ Not Applicable
2. ☒ Meets DVBE Requirements DVBE Amount:\$ 67,438 DVBE %: 6.7
- ☐ Contractor is Certified DVBE
 - ☒ Contractor is Subcontracting with a DVBE: 4Granite
3. ☐ Requesting DVBE Exemption (attach CEC 95)

Is Contractor a certified Small Business (SB), Micro Business (MB) or DVBE?

If yes, check appropriate box: ☐ SB ☐ MB ☐ DVBE

Is Contractor subcontracting any services?

	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes
If yes, give company name and identify if they are a Small Business (SB), Micro Business (MB) and/or DVBE:		
UC Santa Barbara	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
California Polytechnic State University	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
4Granite	<input type="checkbox"/> No	<input type="checkbox"/> SB <input checked="" type="checkbox"/> MB <input checked="" type="checkbox"/> DVBE
Alejo Lopez	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE
Power Engineers	<input checked="" type="checkbox"/> No	<input type="checkbox"/> SB <input type="checkbox"/> MB <input type="checkbox"/> DVBE

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**Miscellaneous Contract Information**

- | | | |
|---|--|---|
| 1. Will there be Work Authorizations? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 2. Will there be IT expenditures? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 3. Is the Contractor providing confidential information? | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes |
| 4. Is the contractor going to purchase equipment? | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
| 5. Check frequency of progress reports | | |
| <input checked="" type="checkbox"/> Monthly | <input type="checkbox"/> Quarterly | <input type="checkbox"/> _____ |
| 6. Will a final report be required? | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |
| 7. Is the contract, with amendments, longer than a year? If yes, why? | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes |

The Department of General Services has agreed to give the Commission blanket authority to execute multi-year contracts to support the Commission's RD&D Programs.

The following items should be attached to this CRF

- | | | |
|---|---|--|
| 1. Scope of Work, Attach as Exhibit A. | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 2. Budget Detail, Attach as Exhibit B. | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 3. CEC 96, NCB Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 4. CEC 30, Survey of Prior Work | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 5. CEC 95, DVBE Exemption Request | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |
| 6. Draft CEQA Notice of Exemption (NOE) | <input type="checkbox"/> N/A | <input checked="" type="checkbox"/> Attached |
| 7. Resumes | <input checked="" type="checkbox"/> N/A | <input type="checkbox"/> Attached |

Contract Manager_____
Date_____
Office Manager_____
Date_____
Deputy Director_____
Date

The following signatures are only required when contract approval is delegated to the Executive Office and not approved at a Business Meeting.
See Business Meeting Information Section.

Presiding Policy Committee_____
Date_____
Associate Policy Committee_____
Date_____
Executive Director_____
Date